

What Is Claimed Is:

1. A removable electrical plug-in connection comprising a connector and a mating connector, the mating connector including a contact element, in particular a p.c. board, or similar, having at least one contact area which is connectable at least in part to the connector, wherein the connector (12) includes at least one clamping element (4) which grips at least in part around the contact element (6) in its contact position, and this clamping element (4) presses at least a part of the contact element (6) against the contact area (7) for establishing the electrical plug-in connection.

2. The plug-in connection as recited in Claim 1, wherein the clamping element (4) is positioned displaceably within the connector (12) and latches in its contact position.

3. The plug-in connection as recited in Claim 1, wherein the clamping element (4) has areas in which the contact element (6) is fixed in its contact position.

4. The plug-in connection as recited in Claim 3, wherein the clamping element (4) has latching means with which the contact element (6) latches together.

5. The plug-in connection as recited in at least one of the preceding claims, wherein the clamping element (4) is designed in such a way that the contact element (6) is fixed in its longitudinal extension on at least one side of the contact element (3) at least in part in the contact area (7).

6. The plug-in connection as recited in at least one of the preceding claims,  
wherein the contact element (6) is pressed against the contact area (7) of the contact element (3) when the connector (12), made up of a contact element (6), a contact carrier (11) and a clamping element (4), is closed.

7. The plug-in connection as recited in at least one of the preceding claims,  
wherein the contact element (6) has a sleeve (8) at least in the contact area (7) for compensating different diameters of contact elements (6).

8. The plug-in connection as recited in Claim 7,  
wherein the sleeve (8) has at least one contact point on its outer surface (9) which is at a distance from the diameter of the sleeve (8) which comes into contact with the contact area (7) of the contact element (3).

9. The plug-in connection as recited in Claim 7,  
wherein the sleeve (8) can be plugged directly onto the end of a cable.